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CATALOGUE OF THE FAMILY CHAMIDÆ.

BY GEORGE W. TRYON, JR.

Family CHAMIDÆ, Swainson.

Man. Malacol, 374. 1840.

Genus **CHAMA**, Linn.

Syst. Nat. Edit. x. 1758.

THE subgenus *ARCINELLA*, of Schumacher, adopted by H. & A. Adams, has no systematic value, the peculiarities on which it is founded, recognizable at once in the type species, so fade away through the series of species that no distinct line of demarcation remains. The species of *Chama* are very difficult, owing to irregularity of growth, sculpture, and coloring, and I am convinced that the comparison of large suites of specimens would result in a wholesale reduction of the species. Some of the earlier species, described by Linnæus and Lamarck, cannot be identified with any certainty at this day.

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1. *C. ÆRUGINOSA*, Lamarck.
(not identified.)
 2. *C. ARCINELLA*, Linn. Syst. Nat. Ed. xii., 1139. Reeve, Icon.
sp. 26. 1846.
Arcinella spinosa, Schum. Essai, Nov. Gen. 142. 1817.
West Indies.
 3. *C. ASPERSA*, Reeve, Icon. sp. 24. 1846.
Philippines.
 4. *C. BRASSICA*, Reeve, Icon. sp. 31. 1847.
Scarcely distinct from *C. Pacifica*.
Philippines.
 5. *C. BUDDIANA*, C. B. Adams, Panama Shells, 253. 1852.
Panama.
 6. *C. CARDITÆFORMIS*, Reeve, Icon. sp. 33. 1847.
Hab.—?
 7. *C. CISTULA*, Reeve, Icon. sp. 51. 1847.
C. appressa, Reeve, Icon. sp. 55. 1847.
Honduras.

8. C. CORBIEREI, Jonas, Menke Zeitsch. 126. 1846. Savigny,
Desc. Egypte, t. 14, f. 8.
Red Sea.
9. C. CORRUGATA, Brod. Zool. Trans. i. 305, t. 31, f. 7. Reeve,
Icon. sp. 9. 1846.
Real Llejos, Central America.
10. C. CRENULATA, Lamarck.
(not identified.)
11. C. CORNUCOPIA, Reeve, Icon. sp. 22. 1846.
Red Sea.
12. C. CRISTELLA, Lamarck, Anim. s. Vert. Reeve, Icon. sp. 42.
1847.
Batavia—South Australia.
13. C. CROCATA, Lamarck.
(not identified.)
14. C. CLAASSENI, Jonas, Zeit. Malak. 127. 1846.
Red Sea.
15. C. DECUSSATA, Lamarck.
(not identified.)
16. C. DIVARICATA, Reeve, Icon. sp. 20. 1846.
Philippines.
17. C. EXIGUA, Reeve, Icon. sp. 47. 1847.
Singapore.
18. C. ECHINATA, Brod. Zool. Trans. i. 305, t. 39, f. 5. Reeve,
Icon. sp. 35. 1847.
Porto Portrero, Central America.
19. C. EXOGYRA, Conrad, Journ. Philad. Acad. vii. Reeve, Icon.
sp. 38. 1847.
California, Mexico.
20. C. FIBULA, Reeve, Icon. sp. 27. 1846.
Philippines.
21. C. FLORIDA, Lamarck, Anim. s. Vert. Reeve, Icon. sp. 49.
1847.
Honduras.
22. C. FOLIACEA, Quoy, Voy. Astrol. Reeve, Icon. sp. 8. 1846.
Philippines.
23. C. FRONDOSA, Brod. Zool. Trans. i. 302, t. 38, f. 1, 2. Reeve,
Icon. sp. 1. 1846.
C. purpurascens, Conrad.
W. Columbia to Mazatlan.

24. *C. GRYPHOIDES*, Linn. Syst. Nat. Edit. xii. 1139. Reeve, Icon. sp. 43. 1847.
C. unicornis, Phil. (*not of Lam.*) Moll. Sicil. i. 68.
C. asperella, Deshayes, Lamarck, vi. 581.
Mediterranean.
25. *C. IOSTOMA*, Conrad, Jour. Philad. Acad. vii. Reeve, Icon. sp. 7, 13. 1846.
C. producta, Brod. Zool. Trans. i. 305, t. 39, f. 4.
C. coralloides, Reeve, Icon. sp. 18. 1846.
C. echinata, Brod. (*partim.*) Zool. Trans. i. 306, t. 39, f. 6, 7.
Sandwich Islands.
26. *C. JAPONICA*, Lam.
(not identified.)
27. *C. LACINIATA*, Adams & Reeve, Voy. Samarang.
China.
28. *C. LAZARUS*, Linn. Syst. Nat. Edit. xii. 1139. Reeve, Icon. sp. 4. 1850.
C. damæcornis, Lam.
Mauritius, Philippines.
29. *C. LIMBULA*, Lam.
(not identified.)
30. *C. LINGUA-FELIS*, Reeve, Icon. sp. 53. 1847.
Philippines.
31. *C. LOBATA*, Brod. Zool. Trans. i. 303, t. 38, f. 4, 5. Reeve, Icon. sp. 29. 1847.
*West Indies.**
32. *C. MEYERI*, Jonas, Zeit. für Malak. iii. 127. 1846.
Red Sea.
33. *C. MULTISQUAMOSA*, Reeve, Icon. sp. 12. 1846.
Philippines.
34. *C. MACROPHYLLA*, Chemn. Conch. Cab. vii. 149, t. 52, f. 514, 515. Reeve, Icon. sp. 6. 1846.
C. Lazarus, Lam. (*not Linn.*) Anim. s. Vert.
West Indies.
35. *C. NIVALIS*, Reeve, Icon. sp. 12. 1846.
Philippines.

* Mr. Reeve says that this locality is erroneous, and that well-authenticated specimens from China are in the British Museum; but Mr. Broderip is correct, as it is a common West Indian species. The Chinese specimens must have made a long voyage before they were collected there.

36. *C. OBLIQUATA*, Reeve, Icon. sp. 28. 1846.
Philippines.
37. *C. PACIFICA*, Brod. Zool. Trans. i. 303, t. 39, f. 1. Reeve,
Icon. sp. 15. 1846.
C. Broderipii, Reeve, Icon. sp. 2. 1846.
C. imbricata, Brod. Zool. Trans. i. 304, t. 39, f. 2. Reeve,
Icon. sp. 3. 1846.
Lord Hood's Islands.
38. *C. PANAMENSIS*, Reeve, Icon. sp. 45. 1847.
Panama.
39. *C. PELLUCIDA*, Brod. Zool. Trans. i. 302, t. 38, f. 3. Reeve,
Icon. sp. 32. 1847.
Peru to San Diego, California.
40. *C. PRÆTEXTA*, Reeve, Icon. sp. 46. 1847.
Hab.—?
Perhaps = *C. frondosa*, Brod.
41. *C. PLANATA*, Reeve, Icon. sp. 25. 1846.
Philippines.
42. *C. PULCHELLA*, Reeve, Icon. sp. 10. 1846.
C. fimbriata, Reeve, Icon. sp. 41. 1847.
Australia.
43. *C. RADIAN*s, Lam. Anim. s. Vert. Reeve, Icon. sp. 19. 1846
Hab.—?
44. *C. REFLEXA*, Reese, Icon. sp. 16. 1846.
N. Australia.
45. *C. RUBEA*, Reeve, Icon. sp. 37. 1847.
Philippines.
46. *C. RUDERALIS*, Lam.
(not identified.)
47. *C. RUPPELLII*, Reeve, Icon. sp. 30. 1847.
Red Sea.
48. *C. SARDA*, Reeve, Icon. sp. 40. 1847.
Honduras.
49. *C. SENEGALENSIS*, Reeve, Icon. sp. 5. 1846.
Senegal.
50. *C. SULPHUREA*, Reeve, Icon. sp. 14. 1846.
Philippines.
51. *C. SORDIDA*, Brod. Zool. Trans. i. 309, t. 39, f. 8, 9. Reeve,
Icon. sp. 23. 1846.
Isle of Cuna, Central America.
Doubtfully distinct from *venosa*, Reeve.

52. *C. SINUOSA*, Brod. Zool. Trans. i. 303, t. 39, f. 11. Reeve, Icon. sp. 11. 1846.
C. ferruginea, Reeve, Icon. sp. 21. 1846.
West Indies to Brazil.
53. *C. SPINOSA*, Brod. Zool. Trans. i. 306, t. 38, f. 8, 9. Reeve, Icon. sp. 44. 1847.
C. fragum, Reeve, Icon. sp. 48. 1847.
C. Jukesii, Reeve, Icon. sp. 39. 1847.
C. pellisphocæ, Reeve, Icon. sp. 54. 1847.
Lord Hood's I. to California, Philippines, Australia.
54. *C. TUMULOSA*, Reeve, Icon. sp. 52. 1847.
Honduras.
55. *C. VARIEGATA*, Reeve, Icon. sp. 50. 1847.
Honduras.
56. *C. VENOSA*, Reeve, Icon. sp. 34. 1847.
C. Janus, Reeve, Icon. sp. 36. 1847.
 Perhaps = *C. sordida*, Brod.
Gallapagos Is.

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BY GEORGE W. TRYON, JR.

Family CHAMETRACHÆIDÆ, H. & A. Adams.

Genera of Recent Mollusca, ii. 464. 1857.

Genus CHAMETRACHÆA, Klein.

Ostracol. 149. 1753.

Hippopus, Martini, Verzeichn, e. auserl. Samml. 1773.
Tridacna, Da Costa, Elem. Conch. 274. 1776.
Chama, sp. Linn. Syst. Nat.

1. *C. ELONGATA*, Lam. Anim. s. Vert. Reeve, Icon. sp. 2. 1862.
 (Var.) *C. COMPRESSA*, Reeve, Icon. sp. 5. 1862.
 (Var.) *C. ELONGATISSIMA*, Bianconi, Mem. Acad. Bologna, vii. t. 25, f. 2.

Mozambique, Philippines.